

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in this application.

CLAIMS:

1-8.(Canceled)

9.(Currently Amended) A balanced duplexer, comprising:

 a first filter comprising one of a bulk acoustic wave BAW filter and a surface acoustic wave SAW filter;

 a second filter comprising one of a bulk acoustic wave BAW filter and a surface acoustic wave SAW filter, the first and second filters having a substantially similar input and output impedance;

 a first coupler that interfaces the first and second filters to a processing unit of a device and the first coupler interfaces a first termination; and

 a second coupler that interfaces the first and second filters to each of an antenna, a detector and ~~the second coupler interfaces~~ a second termination,
wherein the balanced duplexer is employed to facilitate transmitting and receiving signals, each signal having a respective signal power, through the first and second filters.

10.(Previously Presented) The balanced duplexer of claim 9, the first and second filters are employed such that a portion of signal power is directed through one of the filters and the remaining signal power is directed through the other filter.

11.(Previously Presented) The balanced duplexer of claim 10, the portion of signal power directed to respective filters is determined by a power ratio.

12.(Previously Presented) The balanced duplexer of claim 10, the portion of signal power directed through respective filters is about one half the total power.

13.(Previously Presented) The balanced duplexer of claim 10, the first and second filters configured such that if one filter becomes inoperable, the other filter can be utilized to process the full signal power.

14.(Previously Presented) The balanced duplexer of claim 9, the balanced duplexer buffers an input and an output stage.

15.(Previously Presented) The balanced duplexer of claim 9, the first and second couplers being 3 dB hybrid couplers comprising one of a Lange coupler and a discrete coupler.

16.(Previously Presented) The balanced duplexer of claim 15, the Lange coupler providing isolation between the first and second filters and the processing unit and the first and second filters and the antenna and the detector.

17.(Previously Presented) The balanced duplexer of claim 9, the first and second terminations is about 50Ω .

18.(Canceled)

19.(Previously Presented) The balanced duplexer of claim 9 employed within at least one of a mobile phone, a web phone, a personal data assistant (PDA), a hand-held PC, a pocket PC, a palm-pilot, a laptop, a tablet PC, a Notepad, a GPS, a pager, a personal computer, a mainframe, and a workstation.

20.(Previously Presented) The balanced duplexer of claim 9, the first and second couplers divert reflected power into the first and second terminations, respectively,

21.(Previously Presented) The balanced duplexer of claim 9, the first and second couplers reduce reflected energy by combining reflected energy that is 180 degrees out of phase.

22.(Previously Presented) The balanced duplexer of claim 9, the first and second filters employed in the reception of a signal to improve LNA and antenna matching.

23-29.(Canceled)